

## Remarks

Claims 1, 2, 7, 8, 13, 14 and 19-34 are pending in the application. Claims 1, 2, 7, 8, 13, 14 and 19-34 are rejected. Amendments to the application are shown above. The Applicant respectfully requests reconsideration of the application in view of the amendments and the following remarks.

REJECTIONS UNDER 35 U.S.C. § 102

Claims 1, 2, 7, 8, 13, 14 and 19-34 are rejected under 35 U.S.C. § 102(e) as being anticipated by Hirsch (U.S. 6,263,339).

Claim 1 as presently amended expressly recites (emphasis added):

A method of creating programmable data objects for use in a multi-tier computing architecture, the method comprising:

dragging a graphical representation for a server processing resource from a server explorer module to a visual design surface module to add a processing item to a middle-tier stateless programmable data object being created in the visual design surface module, wherein a client process to communicate with the server processing resource through the middle-tier stateless programmable data object using stateless data transfer;

identifying data schema associated with the server processing resource added to the middle-tier stateless programmable data object in response to the server processing resource being dropped in the visual design surface module;

creating a typed dataset containing data structures corresponding to the data schema associated with the server processing resource;

creating a command adapter to provide data transfer commands within the middle-tier stateless programmable data object between the middle-tier stateless programmable data object and the server processing resource; and

creating a data transfer connection between the middle-tier stateless programmable data object and the server processing resource.

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No new matter has been added; the Examiner's attention is directed to at least page 7, lines 7-17, and page 16, lines 1-9, of the Applicant's specification as originally filed.

Hirsch is directed to building applications on a database management system (col. 1, lines 5-7). Hirsch describes building a virtual world having scenes. A scene may include information, such as graphical elements, linked to data stored in a database (col. 4, lines 15-35). However, Hirsch fails to disclose objects placed in a scene are middle-tier stateless programmable data objects. Also, Hirsch does not disclose how data transfers with the databases are conducted. Thus, Hirsch fails to disclose "a middle-tier stateless programmable data object being created in the visual design surface module, wherein a client process to communicate with the server processing resource through the middle-tier stateless programmable data object using stateless data transfer" for use in "a multi-tier computing architecture" as claimed by the Applicant.

Thus, Hirsch fails to disclose at least one of the expressly recited limitations of claim 1. Accordingly, claim 1 is not anticipated by Hirsch. Independent claims 7, 13 and 19 distinguish from the cited reference for at least the same reasons as claim 1. Claims 2, 8, 14, 20-27 and 31-34 are dependent claims and distinguish for at least the same reasons as their independent base claims in addition to adding further limitations of their own. Therefore, the Applicant respectfully requests that the instant § 102 rejections be withdrawn.

NEW CLAIMS 35-38

New claims 35-38 include limitations removed from claims 31-34, respectively. The Applicant submits that new claims 35-38 are allowable based on their dependency from allowable independent claims.

CONCLUSION

Accordingly, in view of the above amendment and remarks it is submitted that the claims are patentably distinct over the prior art and that all the rejections to the claims have been overcome. Reconsideration and reexamination of the above application is requested. Based on the foregoing, Applicant respectfully requests that the pending claims be allowed, and that a timely Notice of Allowance be issued in this case. If the Examiner believes, after this amendment, that the application is not in condition for allowance, the Examiner is requested to call the Applicant's attorney at the telephone number listed below.

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PATENT

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50-0463.

Respectfully submitted,

Microsoft Corporation

Date: July 13, 2006

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